Mouse anti His-Tag mAb

Catalog No.: AE003 145 Publications



Basic Information

Observed MW

27kDa,35kDa

Calculated MW

Category

Tag antibody

Applications

ELISA,WB,IF/ICC,IP

Cross-Reactivity

Species independent

CloneNo number

AMC0149

Background

Consecutive histidine residues (usually 6 to 10 in length) are often inserted into the amino acid sequences of recombinant proteins. The resulting His-tagged proteins can be detected by using His antibodies.

Recommended Dilutions

WB 1:5000 - 1:20000

IF/ICC 1:50-1:200

IP 0.5ug-4ug antibody for 200ug-400ug extracts of

whole cells

Immunogen Information

Gene ID Swiss Prot

Immunogen

A synthetic peptide corresponding to His tag.

Synonyms

His;His tag;His-tag

Contact

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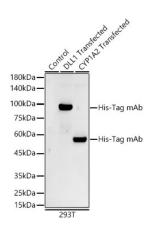
Product Information

SourceIsotypePurificationMouseIgG1Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.



Western blot analysis of various lysates, using His-Tag mAb (AE003) at 1:5000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution. Lysates/proteins: $25\mu g$ per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.